

DIRECTORATE OF
INTELLIGENCE

Imagery Analysis Report

Gorkiy Shipyard 112

Gorkiy, USSR



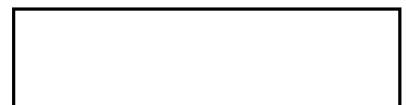
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GORKIY SHIPYARD 112
GORKIY, USSR

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SHIPYARD : GORKIY SHIPYARD 112
LOCATION : GORKIY, USSR
GEO CCORDS: 56-22N 043-53E

KEY TO NUMBERED ANNOTATIONS ON FIGURE 1

1. Probable hydrofoil (LOA approx 85'*).
Identification is based on the vertical fin on the stern, the dark-toned area on the bow (almost all hydrofoils of this approximate size which have been observed in the Gorkiy area have had a similar dark-toned area on the bow), overall hull outline, and the approximate size. This probable hydrofoil is probably new construction. Imagery possibly equating to an unidentified small craft (approximately 65 feet long) is visible along the port side of this hydrofoil.

It is believed that the large building to the rear of this craft is probably being utilized as a small craft construction hall. The launching of these craft is probably accomplished by a set of possible launching rails (the vessel at annotation 1 is probably resting on these rails) which extend from the building to the large transverser at the north end of the yard. There the tracks are aligned with the launching cradle, and the vessel is then launched into the launch basin.

2. Possible float/floating crane (overall dimensions approximately 125 x 45').
3. ZEYA Class YRSN (LOA approx 240').
An unidentified boat (LOA approx 40') is positioned on the deck, starboard of centerline and just forward of the aft superstructure. This is the first time a ZEYA Class has been observed carrying such a boat.

4. Unoccupied transporter dock (LOA approx 435').

5. Possible APL/YR fitting-out (could not be measured).
Poor image definition in this area of the yard precludes further interpretation of this vessel.

* All measurements have been made by the IAS analyst.

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6. Small floating crane.

7. Rectangular YRSN (could not be measured).

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8. Three-hatch barge (LOA approx 135').

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9. SORMOVICH Class hovercraft resting on a large float.

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10. Probable APL/YR (could not be measured).

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11. Unidentified SS (visible waterline length approx 185').
A unique stepped sail, large shack-like structure on the bow, and the approximate waterline length equate favorably to the submarine previously med-moored at the northernmost end of the main quay.

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12. One rectangular YRSN (LOA approx 190').

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13. River passenger vessel (LOA approx 270').
A similar vessel was positioned just north of the launch basin

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14. Unidentified auxiliary (LOA approx 175').

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15. Possible APL/YR (LOA approx 315').

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16. Possible APL (could not be measured).

17. Large covered transporter dock (could not be measured).
This is probably the same dock that was positioned just outside of the launch basin caisson. Keel blocks were then visible on the dock floor.

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The unidentified submarine is no longer visible in the yard. Since three large transporter docks were in the yard and there are still three large docks on this coverage, it is believed that the above referenced unidentified SS is now in the covered transporter dock. The leading edge of a large rectangular object

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[redacted] protrudes through the covering of the transporter dock approximately 240 feet from the stern of the dock. This object could equate to a scaffolded submarine sail.

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18. Two-hatch barge (LOA approx 135').

[redacted]

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19. Floating crane.

This crane appears to be working in the area of the sail of the "J" Class SSG at annotation 20 below. [redacted]

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20. "J" Class SSG (LOA approx 280').

It cannot be discerned whether this submarine is fitted with a sail. The floating crane at annotation 19 above obscures the sail area. This is believed to be the third "J" Class SSG launched

[redacted] The first "J" Class launched [redacted] left the

yard [redacted] The second "J" Class left the

yard [redacted] Photography [redacted]

[redacted] revealed no "J" Class SSG visible in the yard.

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21. Large probable fitting-out float.

[redacted]

22. Fitting-out barge.

[redacted]

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23. Unidentified object (LOA approx 40').

This object has a very broad rounded leading edge, approximately 10 feet wide, which tapers back to a width of approximately five feet at the trailing edge. The configuration of this object does not appear to resemble either of the previously identified submarine sails observed in this area of the yard. [redacted]

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24. Five-hatch barge (LOA approx 160').

[redacted]

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25. Possible scaffolding.

[redacted] this scaffolding was occupied by a probable "J" Class SSG sail. Photography [redacted] revealed that

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the "J" Class sail had been removed from the scaffolding and was resting approximately 50 feet closer to the transverser than the scaffolding, which had not been moved. On this coverage, the "J" Class sail is not visible in the area and may have been placed on the recently launched "J" Class SSG, at annotation 20 above.

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26. Rectangular YRSN (LOA approx 190').

27. Small transporter dock (LOA approx

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28. Unoccupied large transporter dock (LOA approx

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Five unidentified objects, possibly equating to keel blocks, are visible on the floor of the dock. This is probably one of the two large docks moored however, this dock is not fitted with the athwartships walkway/brace extending between the tops of the dock walls forward of amidships as were the two docks referenced above. The walkway/brace may be a removable or temporary structure.

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29. SOVETSKI AZERBAIJAN Class train ferry under construction (LOA of completed portion approx 415'). The bow section is not yet in place. Most of the train deck is now in place. Two large rectangular holes are visible in the area of the machinery spaces.

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KEY TO FACILITY ANNOTATIONS ON FIGURE 1

- A. Unidentified building undergoing expansion.

No discernible progress has been made

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- B. Two-bay shop-type building under construction.

No visible progress has been made on the still incomplete south-east corner of the building

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- C. Unidentified building undergoing expansion.

This building appears to be structurally complete; however, scaffolding is still visible on the northeast side and the end of the new section. There is no evidence of snow melting on the roof of the new section indicating that the new section is not yet heated.

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- D. Open storage area.

Numerous submarine hull sections and frames are visible in the area. A large rectangular light-toned object similar to, and in the same position as, the large rectangular light-toned object observed

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- E. New quay extension.

Construction continues on the new extension.

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- F. Probable quay under construction.

No discernible progress has been made on this site

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- G. Construction hall under construction.

The roof of the third bay now appears to be structurally complete. Melted snow on the roof of the first two bays suggests that these bays are now heated and could be functional.

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- H. Large fabrication/construction hall under construction.

roughly 115 feet of roof section has been added to the northernmost end of the building and, in addition, nearly all of the westernmost bay has been roofed.

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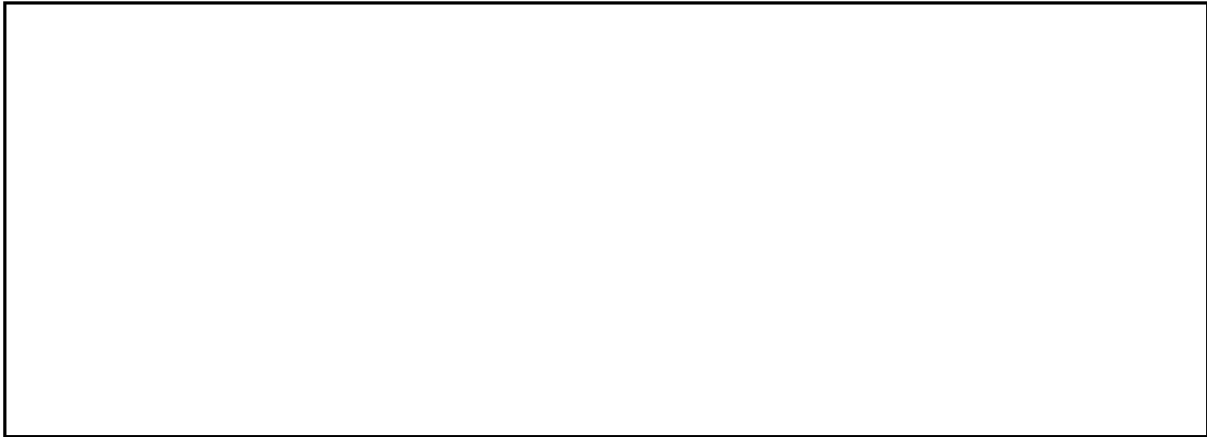


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REFERENCES

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Documents

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1. CIA. PIR-77036, Gorkiy Shipyard 112, Gorkiy, USSR [redacted]
[redacted] August 1966 (TOP SECRET [redacted])

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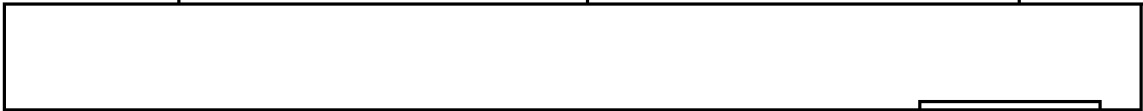
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2. CIA. PIR-77080, Gorkiy Shipyard 112, Gorkiy, USSR [redacted]
[redacted] September 1966 (TOP SECRET [redacted])

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4. CIA. PIR-83006, Gorkiy Shipyard 112, Gorkiy, USSR [redacted]
[redacted] August 1967 (TOP SECRET [redacted])

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5. CIA. PIR-83007, Gorkiy Shipyard 112, Gorkiy, USSR [redacted]
[redacted] August 1967 (TOP SECRET [redacted])

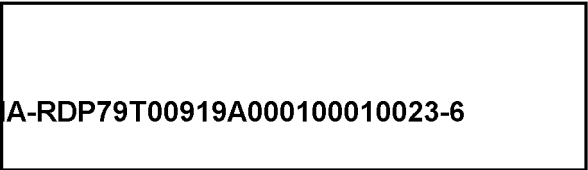
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Requirement

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IAS Project

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